

Stormwater Industrial Facility Quarterly/Routine Inspection Report

SECTION A: GENERAL INFORMATION

Facility Name: Ballenger-McKinney Wastewater Treatment Plant

NPDES Permit Number: MDE Permit 02SW1878

Facility Address: 7400 Marcie's Choice Lane, Frederick, MD 21704

Date of Inspection: March 29, 2013

Start/End Time of Inspection: 1:07 pm ~ 2:10 pm

Inspector's Name(s) and Contact Information: Mehal Trivedi, & Mark Schweitzer, DRC

Facility Representative(s) in Attendance and Contact Information:

Weather Information: Weather at time of inspection? [CIRCLE ALL THAT APPLY]

☒ Clear

☐ Cloudy

☐ Rain

☐ Sleet

☐ Fog

☐ Snow

☐ High Winds

☐ Other:

SECTION B: INSPECTION OF BMPs AND AREAS OF INDUSTRIAL ACTIVITIES

SITE MAP #1

GREASE STATION – BUILDING #11			Additional Comments/Notes
(1) Is there evidence of spills/leaks (i.e. staining or absorbent materials on the ground)?	YES	NO (If NO , skip to #2)	Put spill-kit here
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated?	YES	NO	
(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	
- If NO is circled for any of the questions (a-e) above, provide an explanation of why			
(2) Are spill kits available for use?	YES	NO	
(a) If YES , do the spill kits need to be restocked?	YES	NO	
(3) In general, is the loading/unloading pad clean and free of debris?	YES	NO	

SEPTIC RECEIVING STATION – BUILDING #25			Additional Comments/Notes
(1) Is there evidence of spills/leaks (i.e. staining or absorbent materials on the ground)?	YES	NO (If NO , skip to #2)	Minor Hyd./Motor Oil
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated	YES	NO	
(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	

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- If NO is circled for any of the questions (a-e) above, provide an explanation of why		
(2) In general, is the loading/unloading pad clean and free of debris?	YES	NO

SLUDGE PAD – BUILDING #20			Additional Comments/Notes
(1) Is there evidence of spills/leaks outside of or adjacent to the pad (i.e. staining or absorbent materials on the ground)?	YES	NO	Generally, dusty as active construction zone.
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated	YES	NO	
(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	
- If NO is circled for any of the questions (a-e) above, provide an explanation of why			
(2) Are spill kits available for use?	YES	NO	
(a) If YES, do the spill kits need to be restocked?	YES	NO	
(3) Is there evidence that sludge is being transported off of the pad?	YES	NO	
(4) Are any materials, drums, or containers exposed to precipitation?	YES	NO	
(a) If YES, are they sealed and labeled properly?	YES	NO	
(5) Are all materials organized and stored in an orderly fashion?	YES	NO	
(6) Has all waste been disposed of properly?	YES	NO	

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SLUDGE BUILDING – BUILDING #19			Additional Comments/Notes
(1) Are any materials, drums, or containers exposed to precipitation?	<u>YES</u>	NO	Remove empty drums (4+1)
(b) If YES , are they sealed and labeled properly?	<u>YES</u>	NO	
(2) Are all materials organized and stored in an orderly fashion?	<u>YES</u>	NO	
(3) Has all waste been disposed of properly?	<u>YES</u>	NO	

SODIUM HYPOCHLORITE TANK			Additional Comments/Notes
(1) Is there evidence of spills/leaks (i.e. staining or absorbent materials on the ground)?	YES	NO	Removed
	(If NO , skip to #2)		
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated	YES	NO	
(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	
- If NO is circled for any of the questions (a-e) above, provide an explanation of why			
(2) Are spill kits available for use?	YES	NO	
(a) If YES , do the spill kits need to be restocked?	YES	NO	

METHANOL STORAGE – BUILDING #4			Additional Comments/Notes
(1) Is there evidence of spills/leaks (i.e. staining or absorbent materials on the ground)?	YES	<u>NO</u>	
	(If NO , skip to next section)		
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated	YES	NO	
(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	

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(e) Was the spill cleaned up properly?	YES	NO	
- If NO is circled for any of the questions (a-e) above, provide an explanation of why			

FERRIC CHLORIDE STORAGE – BUILDING #8			Additional Comments/Notes
(1) Is there evidence of spills/leaks (i.e. staining or absorbent materials on the ground)?	YES	NO	Minor spill. An extension of concrete curb will contain it.
	(If NO, skip to next section)		
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated	YES	NO	
(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	
- If NO is circled for any of the questions (a-e) above, provide an explanation of why			

PAVED AREAS			Additional Comments/Notes
(1) Is there evidence of spills/leaks (i.e. staining or absorbent materials on the ground)?	YES	NO (If NO , skip to next section)	Paving covered with dust as an active construction site.
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated	YES	NO	
(c) Was a spill form completed?	YES	NO	

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(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	
- If NO is circled for any of the questions (a-e) above, provide an explanation of why			

TRANSFORMERS/GENERATORS			Additional Comments/Notes
(1) Is there evidence of spills/leaks (i.e. staining or absorbent materials on the ground)?	YES	NO (If NO , skip to #2)	
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated	YES	NO	
(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	
- If NO is circled for any of the questions (a-e) above, provide an explanation of why			
(2) Are spill kits available for use?	YES	NO	
(a) If YES , do the spill kits need to be restocked?	YES	NO	

SITE MAP #2

STORMWATER POND #1			Additional Comments/Notes
(1) Does the pond appear to be functioning properly?	YES	NO	
(2) Is there an excessive amount of litter in the pond?	YES	NO	

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(3) Does there appear to be a significant amount of sediment accumulated in the pond?	YES	NO	
(4) If the pond has water, is there an excessive amount of algae present?	YES	NO	
(5) Does the inlet(s) have dry weather flow ¹ ?	YES	NO	
(6) If the pond has water, is there an odor?	YES	NO	
(7) If the pond has water, is the water discolored?	YES	NO	
(8) Is there evidence of erosion present on the banks of the pond?	YES	NO	
(9) Is there any other condition that appears to be abnormal?	YES	NO	
(a) If YES is circled for any of the questions (2-9) above, provide a description of the condition, corrective action necessary and photo (if possible).			

¹Dry weather flow = presence of flowing water when it has not rained within the last 48 hours.

DRAINAGE SWALE			Additional Comments/Notes
(1) Does the drainage swale appear to be functioning properly?	YES	NO	Road gravel separating along the swale due to erosion.
(2) Is there an excessive amount of litter in the drainage swale?	YES	NO	
(3) Does there appear to be a significant amount of sediment accumulated in the drainage swale?	YES	NO	
(4) If the drainage swale has water, is there an excessive amount of algae present?	YES	NO	
(5) Does the outlet from the drainage swale have dry weather flow ¹ ?	YES	NO	
(6) If the drainage swales have water, is there an odor?	YES	NO	
(7) If the drainage swales have water, is the water discolored?	YES	NO	
(8) Is there evidence of erosion along the drainage swales?	YES	NO	
(9) Is there any other condition that appears to be abnormal?	YES	NO	
(a) If YES is circled for any of the questions (2-9) above, provide a description of the condition, corrective action necessary and photo (if possible).			

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GRIT FACILITY – BUILDING #30			Additional Comments/Notes
(1) Is there evidence of spills/leaks on the dumpster conveyor pad (i.e. staining or absorbent materials on the ground)?	YES	NO (If NO , skip to #2)	Liquid polymer connection Not-in-service
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated	YES	NO	
(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	
- If NO is circled for any of the questions (a-e) above, provide an explanation of why			
(2) Are spill kits available for use?	YES	NO	
(a) If YES , do the spill kits need to be restocked?	YES	NO	
(3) Is there evidence of spills/leaks at the liquid polymer connection? [FOR FUTURE USE]	YES	NO	
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated	YES	NO	
(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	
(4) Is there evidence of spills/leaks at the ferric chloride tank?	YES	NO	
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated	YES	NO	

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(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	

INFLUENT PUMPING STATION – BUILDING #29			Additional Comments/Notes
(1) Is there evidence of spills/leaks on the dumpster conveyor pad (i.e. staining or absorbent materials on the ground)?	YES	NO (If NO, skip to #2)	
(a) Was the source of the spill identified?	YES	NO	
(b) Was the source of the spill eliminated	YES	NO	
(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	
- If NO is circled for any of the questions (a-e) above, provide an explanation of why			
(2) Are spill kits available for use?	YES	NO	
(a) If YES, do the spill kits need to be restocked?	YES	NO	

FINE SCREENING FACILITY – BUILDING #34			Additional Comments/Notes
(1) Are any materials, drums, or containers exposed to precipitation?	YES	NO	
(a) If YES , are they sealed and labeled properly?	YES	NO	
(2) Are all materials organized and stored in an orderly fashion?	YES	NO	
(3) Has all waste been disposed of properly?	YES	NO	

PAVED AREAS			Additional Comments/Notes
(1) Is there evidence of spills/leaks (i.e. staining or absorbent materials on the ground)?	YES	NO (If NO , skip to next section)	In future, clean-up fabric drain covers
(a) Was the source of the spill identified?	YES	NO	

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(b) Was the source of the spill eliminated	YES	NO	
(c) Was a spill form completed?	YES	NO	
(d) Was the spill reported?	YES	NO	
(e) Was the spill cleaned up properly?	YES	NO	
- If NO is circled for any of the questions (a-e) above, provide an explanation of why			

SITE MAP #3

DRAINAGE SWALES			Additional Comments/Notes
(1) Do the drainage swales appear to be functioning properly?	<u>YES</u>	NO	Prior note on drums, Drums are gone.
(2) Is there an excessive amount of litter in the drainage swales?	YES	NO	
(3) Does there appear to be a significant amount of sediment accumulated in the drainage swales?	YES	NO	
(4) If the drainage swales have water, is there an excessive amount of algae present?	YES	NO	
(5) Does the outlet from the drainage swales have dry weather flow ¹ ?	YES	NO	
(6) If the drainage swales have water, is there an odor?	YES	NO	
(7) If the drainage swales have water, is the water discolored?	YES	NO	
(8) Is there evidence of erosion along the drainage swales?	YES	NO	
(9) Is there any other condition that appears to be abnormal?	YES	NO	
(a) If YES is circled for any of the questions (2-9) above, provide a description of the condition, corrective action necessary and photo (if possible).			

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INFILTRATION BASIN			Additional Comments/Notes
(1) Does the infiltration basin appear to be functioning properly?	<u>YES</u>	NO	Pile of exposed road salt adjacent to Basin
(2) Is there an excessive amount of litter in the infiltration basin?	YES	<u>NO</u>	
(3) Does there appear to be a significant amount of sediment accumulated in the infiltration basin?	YES	<u>NO</u>	
(4) If the infiltration basin has water, is there an excessive amount of algae present?	YES	<u>NO</u>	
(5) Does the inlet(s) have dry weather flow ¹ ?	YES	<u>NO</u>	
(6) If water is present, is there an odor?	YES	<u>NO</u>	
(7) If water is present, is the water discolored?	YES	<u>NO</u>	
(8) Is there evidence of erosion within the infiltration basin?	YES	<u>NO</u>	
(9) Is there any other condition that appears to be abnormal?	<u>YES</u>	<u>NO</u>	
(a) If YES is circled for any of the questions (2-9) above, provide a description of the condition, corrective action necessary and photo (if possible).			

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SECTION C: GENERAL INSPECTION FINDINGS

(1) As part of this comprehensive site inspection, did you inspect all potential pollutant sources, including areas where industrial activity may be exposed to stormwater?	<u>YES</u>	NO	Additional Comments/Notes
(a) If NO , describe why not			

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(2) Did this inspection identify any stormwater or non-stormwater outfalls not previously identified in the SWPPP?	YES NO	Additional Comments/Notes
(a) If YES , for each location, describe the sources of those stormwater and non-stormwater discharges and any associated control measures in place		
(3) Did this inspection identify any sources of stormwater or non-stormwater discharges not previously identified in the SWPPP?	YES NO	Additional Comments/Notes
(a) If YES , describe the sources of stormwater or non-stormwater pollutants expected to be present in these discharges, and any control measures in place		
(4) Did you review stormwater monitoring data as part of this inspection to identify potential pollutant hotspots?	YES NO N/A	Additional Comments/Notes
(a) If YES , summarize the findings of that review and describe any additional inspection activities resulting from this review		
(5) Describe any evidence of pollutants entering the drainage system or discharging to surface waters, and the condition of and around outfalls, including flow dissipation measures to prevent scouring		Additional Comments/Notes

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(6) Have you taken or do you plan to take any corrective action, as specified in the permit, since your last annual report submission (or since you received authorization to discharge under this permit if this is your first annual report), including any correcting actions identified as a result of this annual comprehensive site inspection?	YES	NO
(a) If YES , how many corrective actions?		Additional Comments/Notes